

10/588,940

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal61lbxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAY 01	New CAS web site launched
NEWS	3	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS	4	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	7	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS	8	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS	9	JUN 27	CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS	10	JUN 29	STN Viewer now available
NEWS	11	JUN 29	STN Express, Version 8.2, now available
NEWS	12	JUL 02	LEMBASE coverage updated
NEWS	13	JUL 02	LMEDLINE coverage updated
NEWS	14	JUL 02	SCISEARCH enhanced with complete author names
NEWS	15	JUL 02	CHEMCATS accession numbers revised
NEWS	16	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	17	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	18	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	20	JUL 30	USGENE now available on STN
NEWS	21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	22	AUG 06	BEILSTEIN updated with new compounds
NEWS	23	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	24	AUG 13	CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS	25	AUG 20	CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS	26	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	27	AUG 27	USPATOLD now available on STN
NEWS	28	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:19:38 ON 04 SEP 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:19:50 ON 04 SEP 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 SEP 2007 HIGHEST RN 945955-20-4

DICTIONARY FILE UPDATES: 3 SEP 2007 HIGHEST RN 945955-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

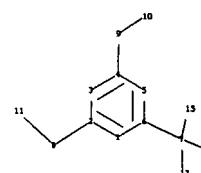
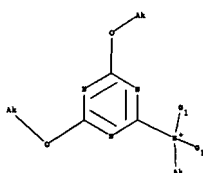
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10588940.str

10/588,940



chain nodes :  
7 8 9 10 11 12 15 16  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
2-8 4-9 6-7 7-12 7-15 7-16 8-11 9-10  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
2-8 4-9 6-7 7-12 7-15 7-16 8-11 9-10  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 1 :

G1:CH3,Et,n-Pr

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 15:CLASS 16:CLASS  
Element Count :  
Node 12: Limited  
C,C1-20

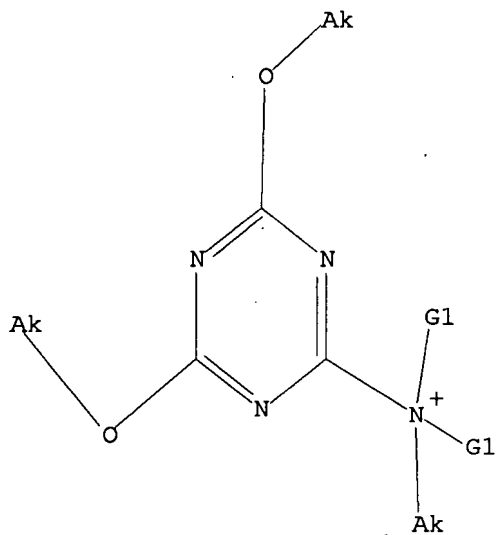
10/588,940

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Me,Et,n-Pr

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 12:20:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 379 TO ITERATE

100.0% PROCESSED 379 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 6412 TO 8748

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan

10/588,940

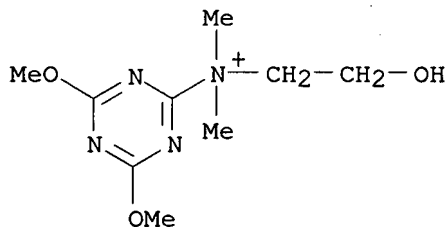
L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,5-Triazin-2-aminium, N-(2-hydroxyethyl)-4,6-dimethoxy-N,N-dimethyl-,  
perchlorate (salt) (9CI)

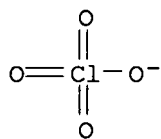
MF C9 H17 N4 O3 . Cl O4

CI COM

CM 1



CM 2



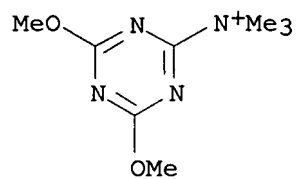
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

10/588,940

L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)

MF C8 H15 N4 O2 . Cl



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

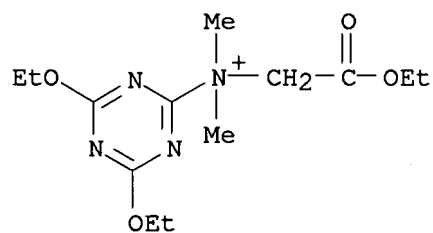
10/588,940

L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(2-ethoxy-2-oxoethyl)-N,N-dimethyl-  
(9CI)

MF C13 H23 N4 O4

CI COM



ALL ANSWERS HAVE BEEN SCANNED

10/588,940

=> s l1 sss ful

FULL SEARCH INITIATED 12:20:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7064 TO ITERATE

100.0% PROCESSED 7064 ITERATIONS

36 ANSWERS

SEARCH TIME: 00.00.01

L3

36 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'CAPLUS' ENTERED AT 12:20:36 ON 04 SEP 2007

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FILE COVERS 1907 - 4 Sep 2007 VOL 147 ISS 11

FILE LAST UPDATED: 3 Sep 2007 (20070903/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L4

16 L3

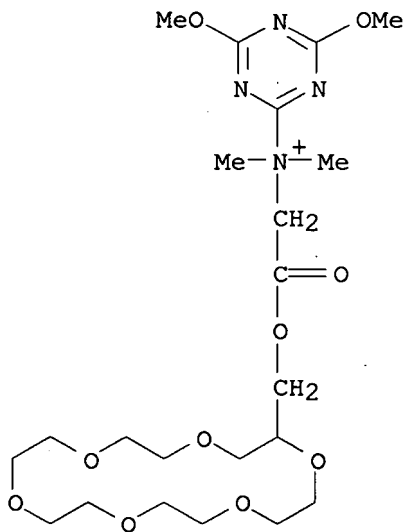
=> d l4 1-16 bib hitstr

10/588,940

L4 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:198009 CAPLUS  
DN 144:412335  
TI Primary-amine-specific lactamization of  $\omega$ -amino acids by an  
artificial cyclotransferase based on [18]crown-6  
AU Kunishima, Munetaka; Hioki, Kazuhito; Moriya, Takahiro; Morita, Jun;  
Ikuta, Tomoko; Tani, Shohei  
CS Faculty of Pharmaceutical Sciences, Kobe Gakuin University, Nishi-ku,  
Kobe, 651-2180, Japan  
SO Angewandte Chemie, International Edition (2006), 45(8), 1252-1255  
CODEN: ACIEF5; ISSN: 1433-7851  
PB Wiley-VCH Verlag GmbH & Co. KGaA  
DT Journal  
LA English  
OS CASREACT 144:412335  
IT 883997-09-9P  
RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);  
USES (Uses)  
(primary-amine-specific lactamization of  $\omega$ -amino acids by an  
artificial cyclotransferase based on [18]crown-6)  
RN 883997-09-9 CAPLUS  
CN 1,3,5-Triazin-2-aminium, N-[2-(1,4,7,10,13,16-hexaoxacyclooctadec-2-  
ylmethoxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with  
trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

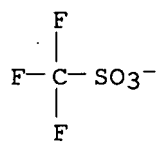
CRN 883997-08-8  
CMF C22 H39 N4 O10



CM 2

CRN 37181-39-8  
CMF C F3 O3 S

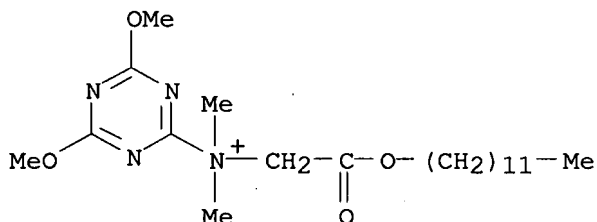
10/588,940



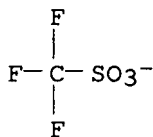
RE.CNT 38

THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:1269428 CAPLUS  
 DN 144:149869  
 TI Unusual rate enhancement of bimolecular dehydrocondensation to form amides  
 at the interface of micelles of fatty acid salts  
 AU Kunishima, Munetaka; Imada, Hiroko; Kikuchi, Kanako; Hioki, Kazuhito;  
 Nishida, Jin; Tani, Shohei  
 CS Faculty of Pharmaceutical Sciences, Kobe Gakuin University, Nishi-ku,  
 Kobe, 651-2180, Japan  
 SO Angewandte Chemie, International Edition (2005), 44(44), 7254-7257  
 CODEN: ACIEF5; ISSN: 1433-7851  
 PB Wiley-VCH Verlag GmbH & Co. KGaA  
 DT Journal  
 LA English  
 OS CASREACT 144:149869  
 IT 862430-39-5 862430-41-9 862430-44-2  
 862430-45-3  
 RL: CPS (Chemical process); PEP (Physical, engineering or chemical  
 process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant  
 or reagent)  
 (unusual rate enhancement of bimol. dehydrocondensation to form amides  
 at the interface of micelles of fatty acid salts)  
 RN 862430-39-5 CAPLUS  
 CN 1,3,5-Triazin-2-aminium, N-[2-(dodecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-  
 dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX  
 NAME)  
 CM 1  
 CRN 862430-38-4  
 CMF C21 H39 N4 O4



CM 2  
 CRN 37181-39-8  
 CMF C F3 O3 S



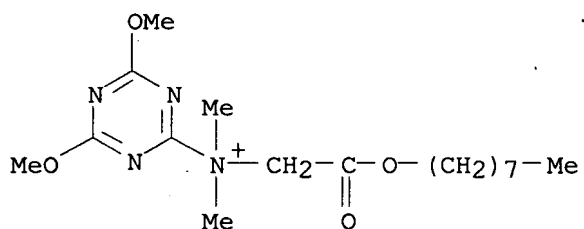
RN 862430-41-9 CAPLUS  
 CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N-dimethyl-N-[2-(octyloxy)-2-  
 oxoethyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX  
 NAME)

10/588,940

CM 1

CRN 862430-40-8

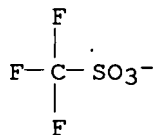
CMF C17 H31 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



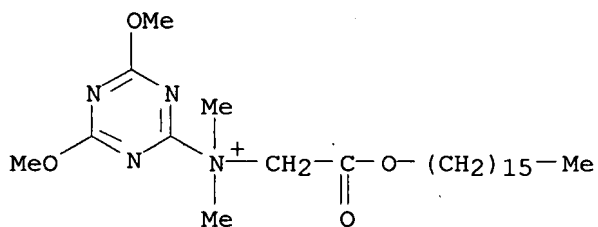
RN 862430-44-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-[2-(hexadecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 862430-43-1

CMF C25 H47 N4 O4

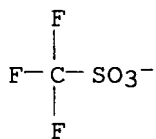


CM 2

CRN 37181-39-8

CMF C F3 O3 S

10/588,940



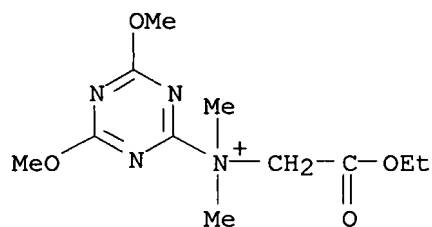
RN 862430-45-3 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 756468-45-8

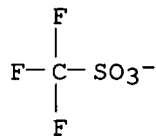
CMF C11 H19 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:823677 CAPLUS

DN 143:211941

TI Preparation of trialkyl(1,3,4-triazin-2-yl)ammonium salts as dehydrating condensation agents having property of accumulating at interface with water

IN Kunishima, Munetaka

PA Japan Science and Technology Agency, Japan

SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005075442	A1	20050818	WO 2005-JP1733	20050131
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2555777	A1	20050818	CA 2005-2555777	20050131
	EP 1714962	A1	20061025	EP 2005-704415	20050131
	R: DE, FR, GB				
	CN 1918136	A	20070221	CN 2005-80004371	20050131
	US 2007135632	A1	20070614	US 2006-588940	20060808
PRAI	JP 2004-33284	A	20040210		
	WO 2005-JP1733	W	20050131		

OS MARPAT 143:211941

IT 862430-39-5P 862430-41-9P 862430-44-2P

862430-45-3P

RL: RGT (Reagent); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of trialkyl(1,3,4-triazin-2-yl)ammonium salts as dehydrating condensation agents having water interface-accumulating property for micelles formation)

RN 862430-39-5 CAPLUS

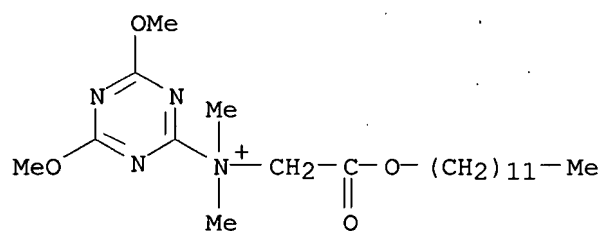
CN 1,3,5-Triazin-2-aminium, N-[2-(dodecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 862430-38-4

CMF C21 H39 N4 O4

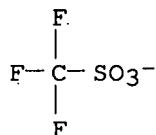
10/588,940



CM 2

CRN 37181-39-8

CMF C F3 O3 S



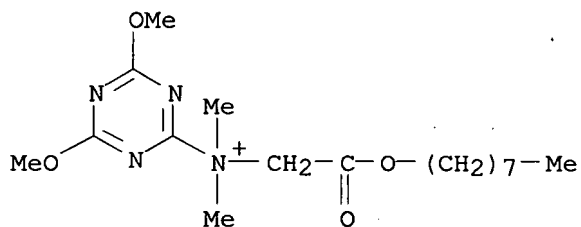
RN 862430-41-9 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N-dimethyl-N-[2-(octyloxy)-2-oxoethyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

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CRN 862430-40-8

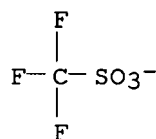
CMF C17 H31 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



RN 862430-44-2 CAPLUS

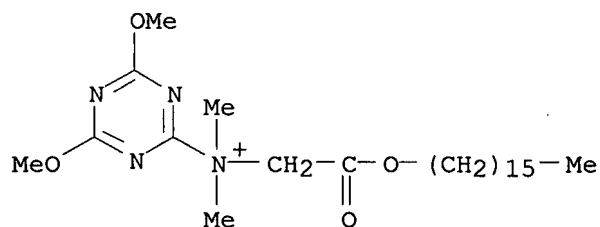
10/588,940

CN 1,3,5-Triazin-2-aminium, N-[2-(hexadecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 862430-43-1

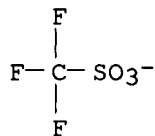
CMF C25 H47 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



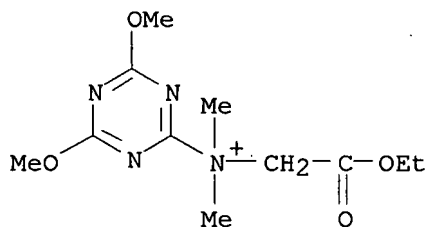
RN 862430-45-3 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 756468-45-8

CMF C11 H19 N4 O4

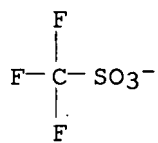


CM 2

CRN 37181-39-8

CMF C F3 O3 S

10/588,940

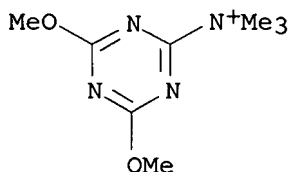


RE.CNT 13

THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:101599 CAPLUS  
DN 143:248363  
TI Derivatives of sym-triazine. 3. Synthesis and some conversions of  
monoazides of the triazine series  
AU Mikhailychenko, S. N.; Chesniuk, A. A.; Koniushkin, L. D.; Firgang, S. I.;  
Zaplishny, V. N.  
CS Kuban State Agricultural University, Krasnodar, 350044, Russia  
SO Chemistry of Heterocyclic Compounds (New York, NY, United States) (2004),  
40(9), 1162-1168  
CODEN: CHCCAL; ISSN: 0009-3122  
PB Springer Science+Business Media, Inc.  
DT Journal  
LA English  
OS CASREACT 143:248363  
IT 87024-55-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(azidotriazines and their conversion to triazolyltriazines via  
heterocyclization with acetylacetone and Et acetoacetate)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)

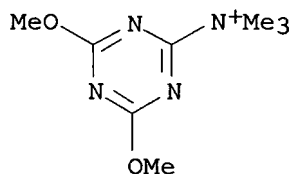


● Cl<sup>-</sup>

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:202751 CAPLUS  
DN 142:176724  
TI Product subclass 3: 1,3,5-triazines and phosphorus analogues  
AU von Angerer, S.  
CS Bad Abbach, 93077, Germany  
SO Science of Synthesis (2004), 17, 449-583  
CODEN: SSCYJ9  
PB Georg Thieme Verlag  
DT Journal; General Review  
LA English  
IT 87024-55-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of triazines and their phosphorus analogs via cyclization, ring  
transformation, aromatization, and substituent modification)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)

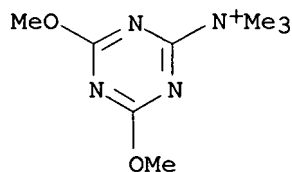


● Cl<sup>-</sup>

RE.CNT 592 THERE ARE 592 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2002:785499 CAPLUS  
DN 138:170197  
TI Cym-Triazine derivatives. 2. Synthesis, properties, and structure of  
2-oxo-1,2-dihydro-sym-triazines  
AU Mikhailichenko, S. N.; Chesniyuk, A. A.; Zavodnik, V. E.; Firgand, S. I.;  
Konyushkin, L. D.; Zaplishny, V. N.  
CS Kuban State Agricultural University, Krasnodar, 350044, Russia  
SO Chemistry of Heterocyclic Compounds (New York, NY, United  
States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002),  
38(3), 292-299  
CODEN: CHCCAL; ISSN: 0009-3122  
PB Kluwer Academic/Consultants Bureau  
DT Journal  
LA English  
OS CASREACT 138:170197  
IT 87024-55-3, 4,6-Dimethoxy-N,N,N-trimethyl-1,3,5-Triazin-2-aminium  
chloride  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation and regioselective alkylation of 4,6-disubstituted-1,3,5-  
triazin-2(1H)-one derivs.)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)

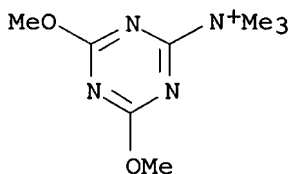


● Cl<sup>-</sup>

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2002:612626 CAPLUS  
DN 137:384822  
TI Derivatives of sym-triazine. 1. Synthesis and conversions of quaternary  
methyllummonium salts of 2-chloro-4,6-disubstituted 1,3,5-triazines in  
nucleophilic substitution reactions  
AU Chesniuk, A. A.; Mikhailichenko, S. N.; Zavodnov, V. S.; Zaplishny, V. N.  
CS Kuban State Agricultural University, Krasnodar, 350044, Russia  
SO Chemistry of Heterocyclic Compounds (New York, NY, United  
States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002),  
38(2), 177-182  
CODEN: CHCCAL; ISSN: 0009-3122  
PB Kluwer Academic/Consultants Bureau  
DT Journal  
LA English  
OS CASREACT 137:384822  
IT 87024-55-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of sym-triazine derivs. via nucleophilic substitution reaction  
of methyllummonium salts and 2-chloro-4,6-disubstituted 1,3,5-triazines)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)



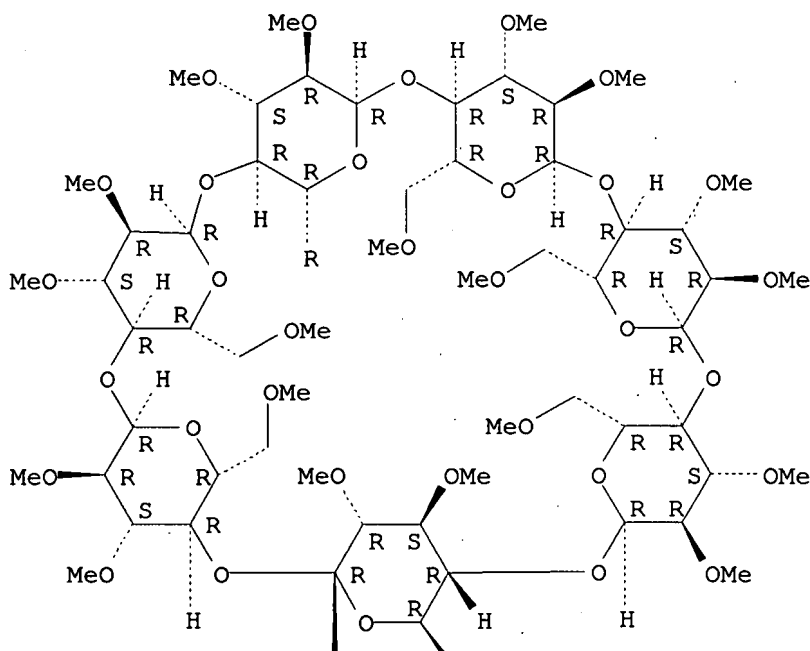
● Cl<sup>-</sup>

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

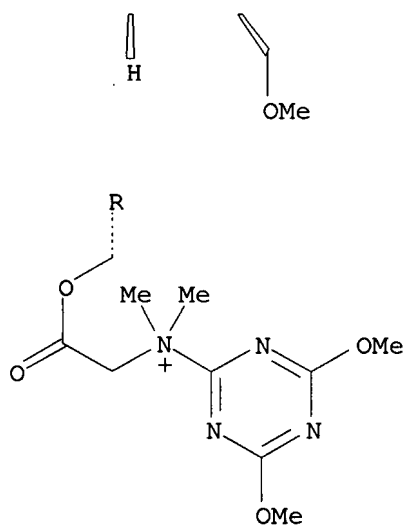
L4 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2001:719190 CAPLUS  
DN 136:19911  
TI Cyclodextrin-Based Artificial Acyltransferase: Substrate-Specific  
Catalytic Amidation of Carboxylic Acids in Aqueous Solvent  
AU Kunishima, Munetaka; Yoshimura, Kazuma; Morigaki, Hiroshi; Kawamata,  
Reiko; Terao, Keiji; Tani, Shohei  
CS Faculty of Pharmaceutical Sciences and High Technology Research Center,  
Kobe Gakuin University, Nishi-ku Kobe, 651-2180, Japan  
SO Journal of the American Chemical Society (2001), 123(43), 10760-10761  
CODEN: JACSAT; ISSN: 0002-7863  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 136:19911  
IT 378759-56-9P 378759-59-2P  
RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);  
USES (Uses)  
(direct amidation of benzoic acids with amine salts with cyclodextrin  
triazinylaminoacetate as an acyltransferase model)  
RN 378759-56-9 CAPLUS  
CN  $\beta$ -Cyclodextrin, 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D  
,6E,6F-eicosa-O-methyl-, [(4,6-dimethoxy-1,3,5-triazin-2-  
yl)dimethylammonio]acetate, chloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

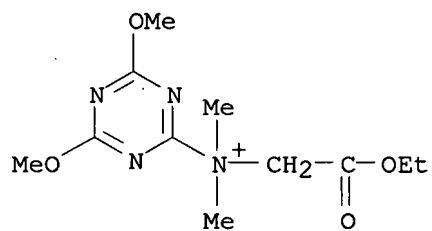


PAGE 3-A



RN 378759-59-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, chloride (9CI) (CA INDEX NAME)



RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:645956 CAPLUS

DN 133:237419

TI Process for producing carboxylic acid derivative and condensing agent comprising quaternary ammonium salt

IN Iwasaki, Fumiaki; Miharu, Michiko; Hirano, Naoki; Saijyo, Masako; Tani, Shohei; Kunishima, Munetaka; Terao, Keiji

PA Tokuyama Corporation, Japan

SO PCT Int. Appl., 154 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

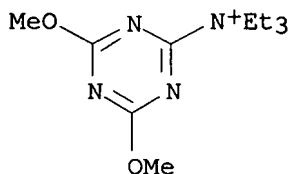
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053544	A1	20000914	WO 2000-JP834	20000215
	W: CA, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2331850	A1	20000914	CA 2000-2331850	20000215
	EP 1085000	A1	20010321	EP 2000-902982	20000215
	EP 1085000	B1	20041006		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 278650	T	20041015	AT 2000-902982	20000215
	US 6458948	B1	20021001	US 2000-674930	20001211
PRAI	JP 1999-60765	A	19990308		
	JP 1999-137693	A	19990518		
	JP 1999-293202	A	19991015		
	WO 2000-JP834	W	20000215		
OS	CASREACT 133:237419; MARPAT 133:237419				
IT	49730-37-2, (4,6-Dimethoxy-1,3,5-triazin-2-yl)triethylammonium perchlorate				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(condensing agent; process for producing carboxylic acid derivative and condensing agent comprising quaternary ammonium salt)				
RN	49730-37-2 CAPLUS				
CN	1,3,5-Triazin-2-aminium, N,N,N-triethyl-4,6-dimethoxy-, perchlorate (9CI) (CA INDEX NAME)				

CM 1

CRN 48163-92-4

CMF C11 H21 N4 O2

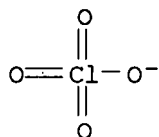


CM 2

CRN 14797-73-0

CMF C1 O4

10/588,940

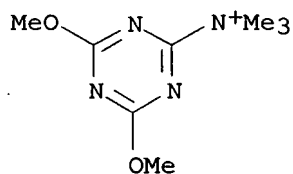


RE.CNT 17

THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

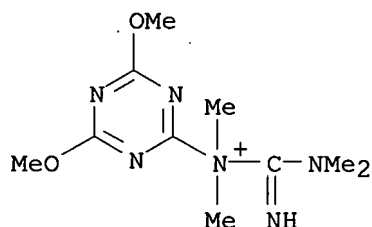
L4 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1999:567099 CAPLUS  
DN 132:107935  
TI N-Substituted sulfonylcyanamides  
AU Dovlatyan, V. V.; Hambartsumyan, E. N.  
CS Arm. S-Kh. Akad., Yerevan, Armenia  
SO Khimicheskii Zhurnal Armenii (1999), 52(1-2), 107-112  
CODEN: KZARF3  
PB Izdatel'stvo Gitutyun NAN Respubliki Armenii  
DT Journal  
LA Russian  
OS CASREACT 132:107935  
IT 87024-55-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction with cyanamide calcium salt)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)



● Cl<sup>-</sup>

10/588,940

L4 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1998:376459 CAPLUS  
DN 129:40780  
TI A Study on the Activation of Carboxylic Acids by Means of  
2-Chloro-4,6-dimethoxy-1,3,5-triazine and 2-Chloro-4,6-diphenoxy-1,3,5-  
triazine  
AU Kaminski, Z. J.; Paneth, P.; Rudzinski, J.  
CS Faculty of Chemistry, Technical University of Lodz, Lodz, 90-924, Pol.  
SO Journal of Organic Chemistry (1998), 63(13), 4248-4255  
CODEN: JOCEAH; ISSN: 0022-3263  
PB American Chemical Society  
DT Journal  
LA English  
IT 208241-94-5P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(amidation using chlorotriazine/tertiary amine activation systems)  
RN 208241-94-5 CAPLUS  
CN 1,3,5-Triazin-2-aminium, N-[(dimethylamino)iminomethyl]-4,6-dimethoxy-N,N-  
dimethyl-, chloride (9CI) (CA INDEX NAME)

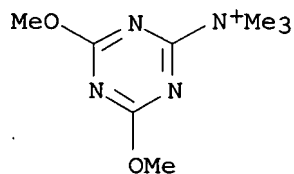


● Cl<sup>-</sup>

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1990:77128 CAPLUS  
DN 112:77128  
TI Reinvestigation of ethanolamine condensation with chlorinated  
sym-triazines  
AU Dovlatyan, V. V.; Eliazyan, K. A.; Pivazyan, V. A.; Akopyan, A. G.  
CS Arm. S-kh. Inst., Yerevan, 375009, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1989), (5), 657-9  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 112:77128  
IT 87024-55-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(substitution reaction of, with chloroethylamine)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)

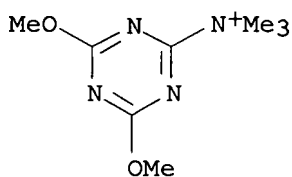


● Cl<sup>-</sup>

10/588,940

L4 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1984:121116 CAPLUS  
DN 100:121116  
TI Herbicidal heterocyclic alkylaminocarbonylsulfonamides  
IN Levitt, George  
PA du Pont de Nemours, E. I., and Co. , USA  
SO Eur. Pat. Appl., 69 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

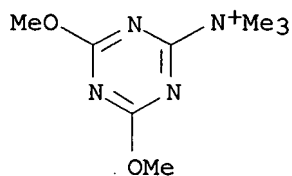
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 94260	A2	19831116	EP 1983-302681	19830511
	EP 94260	A3	19840718		
	EP 94260	B1	19890322		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	US 4496392	A	19850129	US 1983-472879	19830314
	JP 58206572	A	19831201	JP 1983-80248	19830510
	BR 8302430	A	19840110	BR 1983-2430	19830510
	ZA 8303328	A	19841224	ZA 1983-3328	19830510
	CA 1183845	A1	19850312	CA 1983-427800	19830510
	DK 8302129	A	19831113	DK 1983-2129	19830511
	AT 41658	T	19890415	AT 1983-302681	19830511
	US 4565567	A	19860121	US 1984-678881	19841206
PRAI	US 1982-377371	A	19820512		
	US 1983-472879	A	19830314		
	EP 1983-302681	A	19830511		
OS	CASREACT 100:121116; MARPAT 100:121116				
IT	87024-55-3P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and reaction of, with cyanide)				
RN	87024-55-3 CAPLUS				
CN	1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)				
	(CA INDEX NAME)				



● Cl<sup>-</sup>

10/588,940

L4 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1983:522420 CAPLUS  
DN 99:122420  
TI Method of 2,4-dimethoxy-6-allyloxy-s-triazine preparation  
AU Likhterov, V. R.; Lobova, S. I.  
CS USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1983), (6), 844-5  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
OS CASREACT 99:122420  
IT 87024-55-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and alkoxylation of, by allyl alc.)  
RN 87024-55-3 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)  
(CA INDEX NAME)



● Cl<sup>-</sup>

10/588,940

L4 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1973:104455 CAPLUS  
DN 78:104455  
TI Heterocyclic onium salts as hardeners for photographic layers  
IN Froehlich, Alfred; Tschopp, Paul; Deuschel, Werner  
PA Ciba-Geigy A.-G.  
SO Ger. Offen., 69 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2215720	A	19721019	DE 1972-2215720	19720330
	CH 574759	A5	19760430	CH 1971-5019	19710405
	US 3826788	A	19740730	US 1972-238896	19720328
	CA 1004669	A1	19770201	CA 1972-138609	19720330
	IT 952504	B	19730730	IT 1972-49396	19720331
	BE 781621	A1	19721004	BE 1972-115899	19720404
	FR 2132420	A5	19721117	FR 1972-11790	19720404
	FR 2132420	B1	19740802		
	GB 1378440	A	19741227	GB 1972-15610	19720405
	JP 55036974	B	19800925	JP 1972-33576	19720405
PRAI	CH 1971-5019	A	19710405		
IT	41473-69-2 41473-77-2 41473-82-9				
	41473-85-2 41473-91-0 41473-92-1				
	41473-95-4 41474-00-4				
RL:	USES (Uses)				
	(photographic hardening agent)				
RN	41473-69-2 CAPLUS				
CN	1,3,5-Triazin-2-aminium, N,N,N-triethyl-4,6-dimethoxy-, perchlorate, compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)				

CM 1

CRN 7647-14-5

CMF Cl Na

Cl-Na

CM 2

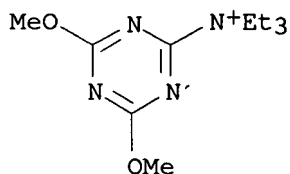
CRN 49730-37-2

CMF C11 H21 N4 O2 . Cl O4

CM 3

CRN 48163-92-4

CMF C11 H21 N4 O2

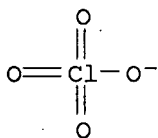


10/588,940

CM 4

CRN 14797-73-0

CMF Cl O4



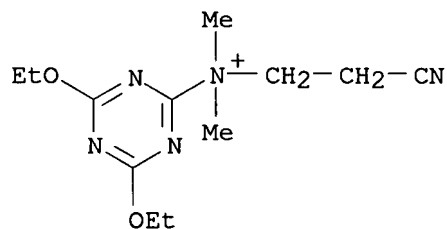
RN 41473-77-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-cyanoethyl)-4,6-diethoxy-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48176-60-9

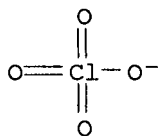
CMF Cl2 H20 N5 O2



CM 2

CRN 14797-73-0

CMF Cl O4



RN 41473-82-9 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-hydroxyethyl)-4,6-dimethoxy-N,N-dimethyl-, perchlorate (salt), compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 7647-14-5

CMF Cl Na

10/588,940

Cl-Na

CM 2

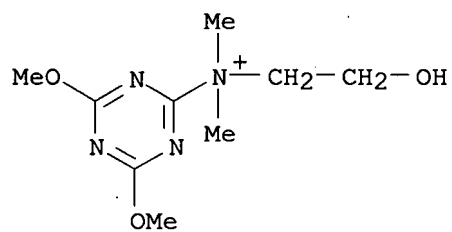
CRN 49730-34-9

CMF C9 H17 N4 O3 . Cl O4

CM 3

CRN 48162-13-6

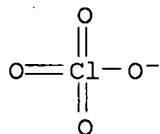
CMF C9 H17 N4 O3



CM 4

CRN 14797-73-0

CMF Cl O4



RN 41473-85-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N-dimethyl-N-(phenylmethyl)-, perchlorate, compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 7647-14-5

CMF Cl Na

Cl-Na

CM 2

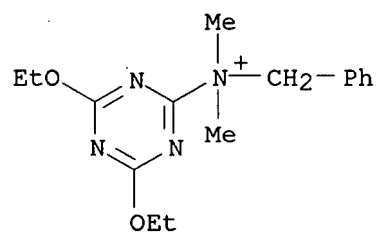
CRN 49730-46-3

CMF C16 H23 N4 O2 . Cl O4

CM 3

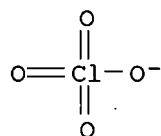
10/588,940

CRN 48191-78-2  
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CM 4

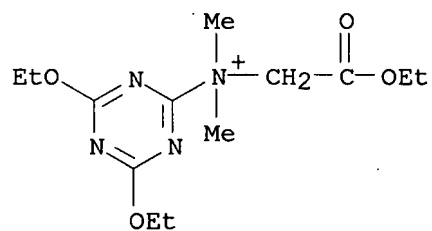
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CMF C1 O4



RN 41473-91-0 CAPLUS  
CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(2-ethoxy-2-oxoethyl)-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

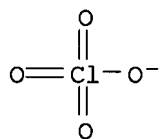
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CMF C13 H23 N4 O4



CM 2

CRN 14797-73-0  
CMF C1 O4

10/588,940



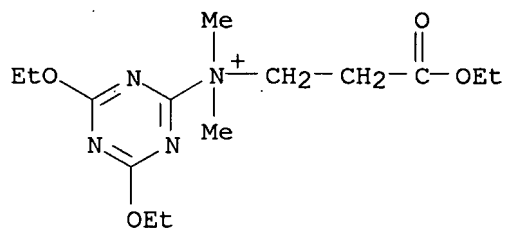
RN 41473-92-1 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(3-ethoxy-3-oxopropyl)-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48194-28-1

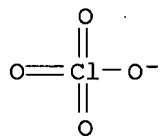
CMF C14 H25 N4 O4



CM 2

CRN 14797-73-0

CMF C1 O4



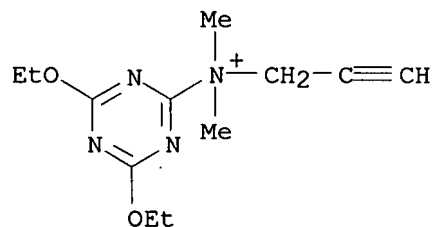
RN 41473-95-4 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N-dimethyl-N-2-propynyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48170-25-8

CMF C12 H19 N4 O2

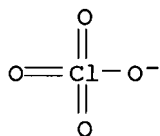


10/588,940

CM 2

CRN 14797-73-0

CMF Cl O4



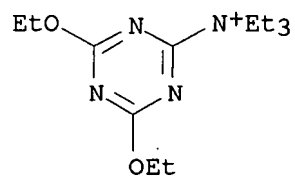
RN 41474-00-4 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N,N-triethyl-, perchlorate (9CI)  
(CA INDEX NAME)

CM 1

CRN 48176-21-2

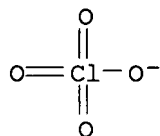
CMF C13 H25 N4 O2



CM 2

CRN 14797-73-0

CMF Cl O4



10/588,940

L4 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1953:72912 CAPLUS

DN 47:72912

OREF 47:12422a-d

TI Substituted heterocyclic compounds

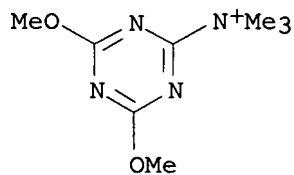
PA Osterreichische Stickstoffwerke A.-G.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	AT 174377		19530325	AT	
IT	87024-55-3P, Ammonium, (4,6-dimethoxy-s-triazin-2-yl)trimethyl-, chloride				
	RL: PREP (Preparation)				
	(preparation of)				
RN	87024-55-3 CAPLUS				
CN	1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)				
	(CA INDEX NAME)				



● Cl<sup>-</sup>

10/588,940

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

58.39

230.70

STN INTERNATIONAL LOGOFF AT 12:21:03 ON 04 SEP 2007